

## **APPENDIX E**

# UMassAmherst

## Environmental Health & Safety

January 14, 2018

### Waltham Station – Lead Paint Sampling

On 1-12-18 Doug Montminy completed Lead Determination sampling throughout the Administration building at Waltham Station by XRF (X-Ray Fluorescent) analysis. The lead determination table is below with the results.

#### LEAD ANALYSIS RESULTS WALTHAM STATION UNIVERSITY OF MASSACHUSETTS, AMHERST, MASSACHUSETTS

Description	Substrate	Location	Sample ID	Result (% weight) XRF (by Volume action Level 1.0)
Beige Paint	Metal Window Frame	Admin Bldg. Exterior South Side	1	XRF 1.3
Beige Paint	Metal Window Sash	Admin Bldg. Exterior South Side	2	XRF 0.4
Beige Paint	Metal Window Header	Admin Bldg. Exterior South Side	3	XRF 4.2
Black Paint	Metal Stair hand Rail	Admin Bldg. Exterior South Side	4	XRF 3.9
Black Paint	Metal Stair Stringer	Admin Bldg. Exterior South Side	5	XRF 5.9
Red Paint	Metal Door Header	Admin Bldg. Exterior South Side	6	XRF 4.9
White Paint	Wood Door Frame	Admin Bldg. Exterior South Side	7	XRF 0.0
Red Paint	Metal Door	Admin Bldg. Exterior South Side	8	XRF 0.0
Beige Paint	Metal Window Frame	Admin Bldg. Exterior South Side	9	XRF 0.8
Red Paint	Wood Wall	Admin Bldg. Exterior South Side	10	XRF 0.0
Red Paint	Wood Double Door	Admin Bldg. Exterior South Side	11	XRF 0.5
Beige Paint	Metal Window Sash	Admin Bldg. Exterior West Side	12	XRF 1.3
Beige Paint	Metal Window Frame	Admin Bldg. Exterior West Side	13	XRF 1.7

Description	Substrate	Location	Sample ID	Result (% weight) XRF (by Volume action Level 1.0)
Red Paint	Wood Double Door Frame	Admin Bldg. Exterior West Side	14	XRF 6.4
Red Paint	Wood Double Door	Admin Bldg. Exterior West Side	15	XRF 8.1
Beige Paint	Metal 1'x3' Window Frame	Admin Bldg. Exterior North Side	16	XRF 1.6
Beige Paint	Metal 1'x3' Window Sash	Admin Bldg. Exterior North Side	17	XRF 1.8
Beige Paint	Metal 1'x3' Window Header	Admin Bldg. Exterior North Side	18	XRF 3.6
Red Paint	Wood Double Door Frame	Admin Bldg. Exterior East Side	19	XRF 12.3
Red Paint	Wood Double Door	Admin Bldg. Exterior East Side	20	XRF 7.8
Beige Paint	Metal Door Frame	Admin Bldg. Ground Floor Room 6	21	XRF 0.16
Beige Paint	Metal Door	Admin Bldg. Ground Floor Room 6	22	XRF 0.15
Tan Paint	Block Wall	Admin Bldg. Ground Floor Room 6	23	XRF 0.11
White Paint	Concrete Ceiling	Admin Bldg. Ground Floor Room 6	24	XRF 0.01
White Paint	Metal Pipe	Admin Bldg. Ground Floor Room 6	25	XRF 0.02
Beige Paint	Metal Window Frame	Admin Bldg. Ground Floor Room 6	26	XRF 1.8
Beige Paint	Metal Window Sash	Admin Bldg. Ground Floor Room 6	27	XRF 1.7
Beige Paint	Beige Concrete Wall	Admin Bldg. Ground Floor Room 6	28	XRF 0.18
Beige Paint	Metal Door	Admin Bldg. Ground Floor Room 7	29	XRF 0.16
Beige Paint	Metal Door Frame	Admin Bldg. Ground Floor Room 7	30	XRF 0.3
Red Paint	Concrete Cove Base	Admin Bldg. Ground Floor Room 7	31	XRF 1.19
Beige Paint	Concrete Floor	Admin Bldg. Ground Floor Room 7	32	XRF 0.01
Beige Paint	Wood Double Door Frame	Admin Bldg. Ground Floor Main Hall	33	XRF 0.12
Beige Paint	Metal Double Door	Admin Bldg. Ground Floor Main Hall	34	XRF 1.2
Beige Paint	Metal Upper Door Transom	Admin Bldg. Ground Floor Main Hall	35	XRF 1.15
Black Paint	Block Wall	Admin Bldg. Ground Floor Main Hall	36	XRF 0.05
Beige Paint	Concrete Cove Base	Admin Bldg. Ground Floor Main Hall	37	XRF 0.04

Description	Substrate	Location	Sample ID	Result (% weight) XRF (by Volume action Level 1.0)
Beige Paint	Metal Heater Cover	Admin Bldg. Ground Floor Main Hall	38	XRF 0.15
Red Paint	Concrete Floor	Admin Bldg. Ground Floor Main Hall	39	XRF 0.0
Black Paint	Concrete Stair Kick Plate	Admin Bldg. Ground Floor Main Hall	40	XRF 1.0
Black Paint	Metal Newel Post	Admin Bldg. Ground Floor Main Hall	41	XRF 1.7
Black Paint	Metal Hand Rail	Admin Bldg. Ground Floor Main Hall	42	XRF 3.6
Beige Paint	Metal Door Frame	Admin Bldg. Ground Floor Room 9A	43	XRF 0.27
Stain	Wood Door	Admin Bldg. Ground Floor Room 9A	44	XRF 0.0
White Paint	Block Wall	Admin Bldg. Ground Floor Room 9A	45	XRF 0.12
Red Paint	Concrete Floor	Admin Bldg. Ground Floor Room 9A	46	XRF 0.0
Red Paint	Red Metal Floor Plate	Admin Bldg. Ground Floor Room 9A	47	XRF 0.1
Black Paint	Metal Window Frame	Admin Bldg. Ground Floor Room 9A	48	XRF 1.5
Beige Paint	Metal Window Sash	Admin Bldg. Ground Floor Room 9A	49	XRF 2.6
Beige Paint	Concrete Header	Admin Bldg. Ground Floor Room 9A	50	XRF 0.1
White Paint	Concrete Ceiling	Admin Bldg. Ground Floor Room 9A	51	XRF 0.0
Stain	Metal Door Frame	Admin Bldg. Ground Floor Room 9A	52	XRF 0.12
White Paint	Wood Door	Admin Bldg. Ground Floor Room 9A	53	XRF 0.1
Beige Paint	Block Wall	Admin Bldg. Ground Floor Room 9A	54	XRF 0.14
Beige Paint	Concrete Cove Base	Admin Bldg. Ground Floor Room 9A	55	XRF 1.0
Beige Paint	Metal 1'x3' Window Frame	Admin Bldg. Ground Floor Room 9A	56	XRF 3.6
Beige Paint	Metal Door Frame	Admin Bldg. Ground Floor Large Common Room West End	57	XRF 1.2
Beige Paint	Metal Double Door	Admin Bldg. Ground Floor Large Common Room West End	58	XRF 1.3
Beige Paint	Metal Door Window Mullions	Admin Bldg. Ground Floor Large Common Room West End	59	XRF 1.3

